

**Appendix A. -- Components of GDP that are Deflated with Hedonic-Type Price Indexes**  
**[Billions of dollars]**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Gross Domestic Product (GDP)</b>	<b>10,977.5</b>	<b>11,510.7</b>	<b>12,274.9</b>	<b>13,093.7</b>	<b>13,855.9</b>	<b>14,477.6</b>	<b>14,718.6</b>	<b>14,418.7</b>	<b>14,964.4</b>	<b>15,517.9</b>	<b>16,155.3</b>	<b>16,691.5</b>	<b>17,393.1</b>	<b>18,036.6</b>
<b>Total hedonic components<sup>1</sup></b>	<b>2,198.9</b>	<b>2,304.7</b>	<b>2,488.1</b>	<b>2,678.0</b>	<b>2,798.4</b>	<b>2,772.3</b>	<b>2,708.1</b>	<b>2,605.8</b>	<b>2,634.3</b>	<b>2,708.5</b>	<b>2,813.0</b>	<b>2,917.4</b>	<b>3,048.1</b>	<b>3,219.0</b>
<b>Percent of GDP</b>	<b>20.0%</b>	<b>20.0%</b>	<b>20.3%</b>	<b>20.5%</b>	<b>20.2%</b>	<b>19.1%</b>	<b>18.4%</b>	<b>18.1%</b>	<b>17.6%</b>	<b>17.5%</b>	<b>17.4%</b>	<b>17.5%</b>	<b>17.5%</b>	<b>17.8%</b>
<b>Computers and peripheral equipment</b>	<b>202.3</b>	<b>203.8</b>	<b>222.6</b>	<b>228.3</b>	<b>246.4</b>	<b>250.9</b>	<b>240.9</b>	<b>219.3</b>	<b>252.7</b>	<b>254.2</b>	<b>261.2</b>	<b>258.3</b>	<b>261.0</b>	<b>255.8</b>
PEQ	79.7	78.3	81.5	80.0	86.4	87.7	83.8	76.8	81.3	76.4	79.7	79.1	79.6	78.5
Exports	38.6	39.9	42.8	45.5	47.6	45.5	43.9	37.7	43.8	48.5	49.2	48.1	48.8	46.8
Imports /1/	75.2	76.6	88.8	93.5	101.6	105.5	101.2	94.2	117.3	119.7	122.3	121.2	122.0	120.2
Government	8.9	9.0	9.5	9.3	10.8	12.2	12.0	10.6	10.3	9.6	10.0	9.9	10.6	10.3
<b>Software</b>	<b>100.7</b>	<b>105.1</b>	<b>111.8</b>	<b>116.9</b>	<b>119.9</b>	<b>125.1</b>	<b>130.6</b>	<b>129.3</b>	<b>120.5</b>	<b>130.5</b>	<b>139.1</b>	<b>145.2</b>	<b>154.0</b>	<b>163.9</b>
IPP, software	91.0	95.2	101.5	106.2	109.1	113.8	118.7	117.7	109.5	118.5	126.3	131.9	139.9	149.1
Government	9.7	9.9	10.3	10.7	10.9	11.3	11.9	11.6	11.0	12.0	12.9	13.4	14.1	14.8
<b>Structures</b>	<b>407.1</b>	<b>455.3</b>	<b>534.7</b>	<b>604.7</b>	<b>601.1</b>	<b>501.8</b>	<b>390.3</b>	<b>285.9</b>	<b>256.7</b>	<b>251.0</b>	<b>277.6</b>	<b>321.4</b>	<b>357.2</b>	<b>417.5</b>
Private residential	297.0	343.9	416.3	480.9	468.3	353.0	228.8	132.4	124.0	122.8	154.8	203.8	235.9	286.3
Private nonresidential	20.1	19.6	21.8	22.3	28.0	34.5	40.1	30.5	20.2	20.0	21.5	24.6	27.5	29.9
State and local government	90.0	91.9	96.6	101.5	104.8	114.3	121.4	123.1	112.5	108.3	101.3	93.0	93.8	101.4
<b>Telecommunications</b>	<b>18.5</b>	<b>15.9</b>	<b>11.9</b>	<b>12.4</b>	<b>16.4</b>	<b>11.9</b>	<b>4.4</b>	<b>2.6</b>	<b>4.3</b>	<b>3.5</b>	<b>2.1</b>	<b>3.1</b>	<b>2.7</b>	<b>2.9</b>
PEQ	18.2	15.6	11.6	12.1	16.0	11.5	3.8	1.9	3.6	2.9	1.6	2.6	2.3	2.5
Government	0.3	0.3	0.3	0.3	0.4	0.4	0.6	0.7	0.7	0.6	0.5	0.5	0.4	0.4
<b>Photocopiers</b>	<b>2.8</b>	<b>3.2</b>	<b>3.2</b>	<b>3.4</b>	<b>3.5</b>	<b>3.4</b>	<b>3.2</b>	<b>2.5</b>	<b>2.7</b>	<b>2.9</b>	<b>2.6</b>	<b>2.7</b>	<b>2.3</b>	<b>2.2</b>
PEQ	1.2	0.9	0.7	0.7	0.6	1.0	0.8	0.7	0.8	0.9	0.6	0.8	0.3	0.2
Exports	0.5	0.5	0.5	0.6	0.7	0.7	1.1	0.8	0.8	0.8	0.8	0.8	0.8	0.7
Imports	1.1	1.8	2.0	2.2	2.2	1.7	1.4	1.0	1.1	1.2	1.2	1.2	1.2	1.3
<b>Audio/Video &amp; Photo</b>	<b>37.9</b>	<b>41.5</b>	<b>46.8</b>	<b>52.0</b>	<b>57.8</b>	<b>60.9</b>	<b>62.8</b>	<b>59.5</b>	<b>59.2</b>	<b>60.3</b>	<b>60.7</b>	<b>61.1</b>	<b>61.8</b>	<b>62.6</b>
PCE	37.6	41.2	46.5	51.6	57.4	60.4	62.4	59.1	58.8	59.9	60.3	60.7	61.4	62.2
Private residential equipment investment	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5
<b>Apparel</b>	<b>261.6</b>	<b>267.3</b>	<b>278.6</b>	<b>290.6</b>	<b>299.1</b>	<b>301.9</b>	<b>297.6</b>	<b>285.4</b>	<b>298.7</b>	<b>316.2</b>	<b>331.0</b>	<b>340.2</b>	<b>347.1</b>	<b>355.2</b>
PCE	261.6	267.3	278.6	290.6	299.1	301.9	297.6	285.4	298.7	316.2	331.0	340.2	347.1	355.2
<b>Household appliances</b>	<b>38.7</b>	<b>39.9</b>	<b>43.1</b>	<b>46.2</b>	<b>48.0</b>	<b>47.6</b>	<b>45.7</b>	<b>41.3</b>	<b>41.7</b>	<b>42.8</b>	<b>44.2</b>	<b>45.8</b>	<b>46.4</b>	<b>47.4</b>
PCE major household appliances	33.3	34.5	37.4	40.2	41.9	41.6	40.0	36.1	36.5	37.5	38.7	40.1	40.6	41.5
Private residential equipment investment	5.4	5.4	5.7	6.0	6.1	5.9	5.7	5.2	5.2	5.3	5.5	5.7	5.8	5.9
<b>Rent</b>	<b>1,119.7</b>	<b>1,162.9</b>	<b>1,225.5</b>	<b>1,313.7</b>	<b>1,396.6</b>	<b>1,459.4</b>	<b>1,523.2</b>	<b>1,570.9</b>	<b>1,588.5</b>	<b>1,637.7</b>	<b>1,684.9</b>	<b>1,730.0</b>	<b>1,805.7</b>	<b>1,900.8</b>
PCE	1,119.7	1,162.9	1,225.5	1,313.7	1,396.6	1,459.4	1,523.2	1,570.9	1,588.5	1,637.7	1,684.9	1,730.0	1,805.7	1,900.8
<b>Educational books</b>	<b>9.7</b>	<b>9.9</b>	<b>9.9</b>	<b>9.8</b>	<b>9.7</b>	<b>9.4</b>	<b>9.5</b>	<b>9.2</b>	<b>9.4</b>	<b>9.4</b>	<b>9.4</b>	<b>9.5</b>	<b>9.9</b>	<b>10.6</b>
PCE Educational Books	9.7	9.9	9.9	9.8	9.7	9.4	9.5	9.2	9.4	9.4	9.4	9.5	9.9	10.6

Notes:

1. Imports are included as a positive since we are identifying the total dollar amount that is deflated with hedonic-type indexes.

Values presented in this table may not match corresponding published values because only a portion of the published component is deflated with hedonic-type price indexes.

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PEQ – Private fixed investment in equipment

PCE – Personal consumption expenditures